

CLAIMS

What is claimed is:

- 1 1. A module for providing a means of local data transfer to and from an electronic
- 2 device having a housing said module comprising:
 - 3 a means of removably attaching said module to said housing; and
 - 4 transponder circuitry responsive to an interrogation signal to communicate
 - 5 with a remote station via wireless communication.
- 1 2. The module of claim 1 further comprising:
 - 2 a memory means for storing digital data.
- 1 3. The module of claim 2 further comprising wherein memory is preloaded with
- 2 digital data representing digital cash.
- 1 4. A system for effecting payments, wherein the system comprises:
 - 2 at least one mobile station comprising:
 - 3 an application,
 - 4 means for using the application, and
 - 5 a removable module coupled to said mobile station comprising a
 - 6 transponder for providing a first means of local data transfer;
 - 7 wherein said system for effecting payments further comprises:
 - 8 at least one payment reception terminal which has a second means for
 - 9 providing local data transfer, said second means for providing local
 - 10 data transfer being coupled to said first means for providing local
 - 11 data transfer through a wireless interface; and
 - 12 wherein the application comprises means for transferring data between
 - 13 the first means for providing local data transfer and the second
 - 14 means for providing local data transfer through said wireless

15 interface, for registering a payment transaction in the payment
16 reception terminal.

1 5. The system of claim 4, wherein the at least one payment reception terminal is a
2 parking meter.

- 1 6. An electronic parking meter for receiving an electronic payment comprising:
 - 2 a power source;
 - 3 an interrogator coupled to power source for creating an electromagnetic
 - 4 field;
 - 5 a first antenna for receiving an electronic impulse comprising electronic
 - 6 identification information; and
 - 7 means for processing electronic payment.

1 7. The parking meter of claim 6, wherein the means processing electronic
2 payment is a processor couple to a means for storing data.

1 8. The parking meter of claim 7, wherein the means processing electronic
2 payment a wireless communication terminal, said wireless communication terminal
3 capable of communicating with a central authorization authority.

1 9. A battery for use with an portable electronic apparatus, comprising:

2 an energy collection means to collect radio frequency energy when battery

3 is within reading range of an RFID reader;

4 an energy storage means for storing energy and providing power;

5 a plurality of leads for relying power from said energy storage means; and

6 an isolation means coupled between said energy storage means and

7 plurality of conductive leads, wherein current is prevented from

8 being conducted from energy storage means to said electronic

9 device via plurality of leads.

1 10. A method for operating a payment system that includes a first, user terminal
2 and a second terminal, the first, user terminal having at least one application, the
3 method comprising the steps of:

4 establishing a communication link from the at least one application to the
5 second terminal through a wireless interface;

6 receiving a menu message on said first, user terminal comprising a
7 plurality of items for selection;

8 selecting one or more items from said plurality of items;

9 sending a selection message comprising information regarding said
10 selected items to said second terminal;

11 receiving an amount to pay message on first, user terminal in response to
12 said selection message, said amount to pay message comprising
13 transaction information;

14 entering information into the first, user terminal specifying that a payment
15 be made from the first, user terminal to the second terminal;

16 establishing a communication link from the at least one application to the
17 second terminal through an electromagnetic induction interrogator;
18 and

19 registering a payment transaction with the second terminal and the at least
20 one application.

1 11. The method of claim 10, wherein said plurality of items are food items.

1 12. The method of claim 10, wherein said plurality of items are films offered by a
2 multiplex theater and further comprising the step of:

3 receiving confirmation message regarding theater number in which
4 selected film is being presented.

1 13. A method for operating a reservation system that includes a first, user terminal
2 and a second terminal, the first, user terminal having at least one application, the
3 method comprising the steps of:

4 establishing a communication link from the at least one application to the
5 second terminal through a wireless interface;

6 receiving a menu message on said first, user terminal comprising a
7 questions regarding needs of user in order to create a criteria
8 information message;

9 sending said criteria information message comprising information
10 regarding needs of the user to said second terminal;

11 receiving a second menu message on said first, user terminal comprising
12 a plurality of available items meeting said user criteria;

13 selecting one or more items from said plurality of items;

14 sending a selection message comprising information regarding said
15 selected items to said second terminal

16 receiving an amount to pay message on first, user terminal in response to
17 said selection message comprising transaction information;

18 entering information into the first, user terminal specifying that a payment
19 be made from the first, user terminal to the second terminal;

20 establishing a communication link from the at least one application to the
21 second terminal through an electromagnetic induction interrogator;

22 registering a payment transaction with the second terminal and the at least
23 one application; and

24 receiving location information of said selected item and an electronic code
25 for unlocking said item.

1 14. A method for operating a reservation system that includes a first, user terminal,
2 a second terminal, and a reserved item with an electronic lock, the first, user
3 terminal having at least one application and a confirmation code, the method
4 comprising the steps of:

5 establishing a communication link from the at least one application to the
6 second terminal through a wireless interface;

7 sending a confirmation message to said second terminal, said message
8 comprising said confirmation code;

9 receiving a location message on said first, user terminal comprising
10 location information of reserved item and an electronic code to
11 unlock reserved item;

12 establishing a communication link from the at least one application to the
13 lock of said item through an electromagnetic induction interrogator;
14 and

15 sending said electronic code to said electronic lock.

1 15. The method of claims 13, or 14, wherein the reservation system is a hotel
2 reservation system and the item is a hotel room.

1 16. The method of claim 13, or 14, wherein the reservation system is a motor
2 vehicle rental reservation system and the item is a motor vehicle.